

Tao Zheng

List of Publications by Year in descending order

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papers

342
citations

1163117

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docs citations

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times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	DDGS: A Network Coding Scheme for Dynamic Adaptation to Heterogeneous Vehicular Networks. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-12.	1.2	1
2	A Bottleneck-Aware Multipath Scheduling Mechanism for Social Networks. , 2021, , .		1
3	A Preliminary Prototype Based on Biological Mimicry for Hardware Data Acquisition. , 2021, , .		0
4	Joint Optimization of Computation Offloading and Task Scheduling in Vehicular Edge Computing Networks. <i>IEEE Access</i> , 2020, 8, 10466-10477.	4.2	57
5	Research and development of universal dialing method for smart cooperative router. , 2020, , .		0
6	An Adaptive Network Coding Scheme for Multipath Transmission in Cellular-Based Vehicular Networks. <i>Sensors</i> , 2020, 20, 5902.	3.8	4
7	An Efficient Network Coding Scheme for Heterogeneous Wireless Networks. , 2020, , .		0
8	Joint communication and computing resource allocation in vehicular edge computing. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771983785.	2.2	32
9	Improving bandwidth utilization by compressing small-payload traffic for vehicular networks. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771984305.	2.2	5
10	BNNC: Improving Performance of Multipath Transmission in Heterogeneous Vehicular Networks. <i>IEEE Access</i> , 2019, 7, 158113-158125.	4.2	14
11	A Bignum Network Coding Scheme for Multipath Transmission in Vehicular Networks. , 2018, , .		8
12	Congestion Game With Link Failures for Network Selection in High-Speed Vehicular Networks. <i>IEEE Access</i> , 2018, 6, 76165-76175.	4.2	7
13	An Adaptive Bitrate Control Algorithm for Real-Time Streaming Media Transmission in High-Speed Railway Networks. , 2018, , .		2
14	An Adaptive Cooperative Transmission Algorithm for Multi-stream in Heterogeneous Multipath Networks. , 2018, , .		1
15	An Adaptive Multipath Algorithm to Overcome the Unpredictability of Heterogeneous Wireless Networks for High-Speed Railway. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 11332-11344.	6.3	15
16	Comprehensive Analysis on Heterogeneous Wireless Network in High-Speed Scenarios. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-12.	1.2	8
17	SVCC-HSR: Providing Secure Vehicular Cloud Computing for Intelligent High-Speed Rail. <i>IEEE Network</i> , 2018, 32, 64-71.	6.9	21
18	An Adaptive Cooperative Transmission Algorithm for Multi-stream in Heterogeneous Multipath Networks. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	SmartSec: A Smart Security Mechanism for the New-Flow Attack in Software-Defined Networking. , 2017, , .		3
20	Enhancing Vehicular Communication Using 5G-Enabled Smart Collaborative Networking. IEEE Wireless Communications, 2017, 24, 72-79.	9.0	65
21	Fuzzy Multi-Attribute Utility Based Network Selection Approach for High-Speed Railway Scenario. , 2017, , .		3
22	Fuzzy and Utility Based Network Selection for Heterogeneous Networks in High-Speed Railway. Wireless Communications and Mobile Computing, 2017, 2017, 1-14.	1.2	13
23	WirArb: A New MAC Protocol for Time Critical Industrial Wireless Sensor Network Applications. IEEE Sensors Journal, 2016, 16, 2127-2139.	4.7	58
24	Deterministic medium access mechanism for time-critical wireless sensor network applications. , 2013, , .		1
25	Issues of routing protocol for Wireless Industrial Sensor Networks. , 2012, , .		2
26	A self-configurable power control algorithm for cognitive radio-based industrial wireless sensor networks with interference constraints. , 2012, , .		7
27	Issues of Trust Management for Mobile Wireless Sensor Networks. , 2011, , .		8
28	Improved Gradient-Based Micro Sensor Routing Protocol with Node Sleep Scheduling in Wireless Sensor Networks. , 2010, , .		4
29	A general multi-sensor node in wireless sensor networks. , 2009, , .		2